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ABSTRACT

A video amplifier for a radar receiver includes a temperature compensating attenuator.

The attenuator includes a temperature sensitive device, such as a thermistor, arranged in a
5 voltage divider network and is coupled in cascade between two filter stages. Each of the filter
stages has a bandpass characteristic in order to filter low-frequency leakage signals and provide
sensitivity control based on frequency and thus range, while also filtering high frequency signals
to reduce aliasing.

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